

Department of Environment and Natural Resources 1600 hours Oct. 27, 2006

Divisions:

Air Quality (DAQ) Environmental Health (DEH) Marine Fisheries (DMF) Radiation Protection (RP) Water Resources (DWR)

Aquariums(AQU) Forest Resources (DFR) Museum on Nat. Sciences (DMNS) Soil and Water Conservation (DSWC) Zoological Park (DZP)

Coastal Management (DCM) Land Resources (DLR) Parks and Recreation (DPR) Waste Management (DWM)

Customer Service Center (CSC) Legislative/Intergovernmental Affairs (LIA) Pollution Prevention (DPPEA) Water Quality (DWQ)

EQ Industrial Services-Apex Assessment Report

Division/Agency Name: DENR (Division of Waste Management, Water Quality, Air Quality)

2. Current Situation:

Division of Water Quality

Staff members sampled for metals on Thursday in the unnamed tributary near the Environmental Quality site, and nothing out of the ordinary was observed. Staff sampled at the same locations along the tributary as previously.

Upstream measurements at 11 a.m. Thursday were: Dissolved oxygen = 4.95pH = 6.1Conductivity = 68.1 micromhos % saturated dissolved oxygen = 47.3

temperature = 13.3 degrees C

salinity = 0

Downstream measurements at 11:30 a.m. were:

Dissolved oxygen = 8.16

pH = 6.3

conductivity = 78.1

% saturated dissolved oxygen = 73.3

temperature = 10.4 C

salinity = 0

Results from the lab are expected towards the end of next week. The next sampling is scheduled for Thursday, Nov. 2.

Division of Air Quality

DAQ now has three off-site air monitoring sites; one SSE of the EQ site, one east on Investment Boulevard and one located NNW of the EQ site in a public park. Monitoring is taking place at two of the sites at this time. Constituents being monitored for are elemental mercury, VOCs, carbonyls and particulates.

Division of Waste Management

On-site activities are currently shut down. The oxidizer bay sump area was cleaned out on Thursday, Oct. 26. Also, beginning at 2 p.m. and continuing until 10 p.m. on Thursday, Oct. 26, contractors for parties involved in the legal action against EQ were permitted to conduct on-site sampling as per request.

On-Site activity:

DWM staff members are on-site, even during shut down. DWM staff members arrived on-site today at 7 a.m.

Berms are in place to protect against stormwater runoff from the EQ site. Steady rain continues at the site. A pumper truck is on-site to pump out rainwater that collects in bays (into two 21,000 gallon "frac" tanks).

On Friday, Oct. 27, EQ presented to Division of Waste Management staff the results of tests taken on the contents of residual ash and hazardous waste materials collected from the site during cleanup. DWM staff will review EQ's analysis of on-site waste that was collected and tested.

Also Friday, officials with DHHS, DENR, Apex, Wake County, and the consulting firm EarthTech met to discuss sampling, monitoring stations and other related issues.

Staff Coverage:

The following is the tentative schedule for DWM staff coverage at EQ.

Mike Brailsford is the primary contact.

Linda Culpepper, Liz Cannon, Doug Holyfield and Robin Proctor are on call 24-7 through the weekend.

DWM On-Site Staff Coverage for Weekend and Monday

Friday, Oct. 27 JD Hester/Dick Denton (am)

Mike Brailsford/Phil Orozco (pm)

Saturday, Oct. 28 Mike Brailsford/Bobby Nelms (am) Mike Brailsford/Ted Cashion (pm)

Sunday, Oct. 29 Mike Brailsford/Mike Williford (am) Mike Brailsford/Jenny Patterson (pm)

Monday, Oct. 30 Mike Brailsford/Sean Morris (all day)

We will continue to evaluate the progress at the site and may modify coverage as noted.

3. Departmental Operational Priorities: DWM will continue monitoring on-site cleanup when it resumes. DWM will ensure that protective berms around the site are secure to protect against stormwater runoff from the EQ site. DWQ will continue water quality sampling near the EQ site on a weekly basis. Results will be sent to laboratory for analysis. DAQ will use three off-site monitors to continue air quality monitoring near the EQ site.

4. Divisional Operational Priorities: Same as 3.